We Claim:

- 1. An orthopedic implant, comprising: a foraminous, corrugated biocompatible material formed into a sleeve.
- The orthopedic implant of claim 1, wherein the orthopedic implant is provided
 with a first and second end and a length dimension extending therebetween,
 wherein the first and second ends are open.
 - 3. The orthopedic implant of claim 1 wherein the implant is provided with a plurality of lobes and depressions.
 - 4. The orthopedic implant of claim 1 wherein the biocompatible material is titanium.
- The orthopedic implant of claim 1 wherein the walls of the implant have a thickness dimension in the size range of about 0.5 mm to about 3.0 mm
 - 6. The orthopedic implant of claim 1 wherein the implant is provided with four lobes and four depressions.
 - 7. The orthopedic implant of claim 1 wherein the implant is provided with six lobes and six depressions.
 - 8. The orthopedic implant of claim 1 wherein the implant is constructed from a foraminous corrugated loop.
 - 9. The orthopedic implant of claim 1 wherein the implant is constructed from a foraminous corrugated sheet.
- 20 10. The orthopedic implant of claim 1 wherein the implant is comprised of an intersecting network of landed regions that define a plurality of openings in the network, wherein the openings are dispersed among the landed regions.
 - 11. The orthopedic implant of claim 1 wherein the implant has a substantially circular shape.
- 25 12. The orthopedic implant of claim 1 wherein the implant has a substantially elliptical shape.

5

- 13. The orthopedic implant of claim 1, wherein the implant surrounds a material selected from the group consisting of bone graft material and a bone growth promoting material and mixtures thereof.
- 14. The orthopedic implant of claim 1, further comprising a cerclage passing through the openings and secured around the sleeve.
- 15. The orthopedic implant of claim 1, wherein the orthopedic implant occupies the disc space between two vertebrae.
- 16. The orthopedic implant of claim 1, wherein the sleeve is an inner sleeve and the implant further comprises an outer sleeve adapted to surround the inner sleeve.
- 17. A method of providing an orthopedic implant, comprising:
 providing a sheet suitable for construction into a sleeve;
 selecting the shape, size and position of openings and corrugations to be
 made in the sheet;
 selecting a biocompatible material;
 forming the sheet according to the design; and

enclosing the sheet to form the implant.

- 18. The method of claim 17, further comprising:
 encircling an area of a bone with a formed sheet to form a sleeve having openings and corrugations; and securing the sheet around the bone.
- 19. Method of claim 18, wherein the step of securing the sheet around the bone further comprises threading a cerclage through the perforations and corrugations and affixing the ends of the cerclage.
- 20. [Intentionally Left Blank]
- 25 21. [Intentionally Left Blank]
 - 22. A method of orthopedic treatment, comprising implanting the implant of claim 1 into the space between two vertebrae.
 - 23. The method of claim 22 wherein bone is placed in the implant prior to implanting.

5

24. A method of providing an orthopedic implant, comprising:

Providing a loop suitable for construction into a sleeve; Selecting the shape, size and position of openings and corrugations to be made in the sheet;

selecting a biocompatible material; and forming the implant according to the design.